What is claimed.

1. A programmable apparatus comprising:

a first computer having a first computer memory;

a SBSA in the first computer memory ;

a second computer having a second computer memory;

a RBSA in the second computer memory;

the first computer being directed by the SBSA to examine each record in a backup file and determine whether each record is a valid record or an invalid record;

to place the valid records in a batch buffer and the invalid records in a failed buffer ;

to determine the number of records in the batch buffer and transmitting a BC to the second computer; and

the second computer, being directed by the RBSA, receives the BC and performs an operation on each record in the BC.

2. The programmable apparatus of claim 1 wherein said SBSA directs said first computer to determine X where X is the total count of records in the file, to determine Y, where Y is the total number of invalid records, and to determine Y/X, and where Y/X is less than or equal to Z, where Z is a predetermined number, then said SBSA directs said first computer to send the BC; and where Y/X is greater than Z, where Z is a predetermined number, said

SBSA directs said first computer to display a report that an error threshold has been exceeded.

3. The programmable apparatus of claim 1 wherein said RBSA directs said second computer to perform an operation on each record, and where an operation on a record failed, to generate an error record.

4. The programmable apparatus of claim 1 wherein said RBSA directs said second computer to determine whether any records failed to be operated on and, responsive to a determination that there were records that failed to be operated on , to return the records that failed to be operated on to the first computer.

5. The BC of claim 1 wherein the count of records is equal to the total count of records in the backup file minus the number of invalid records.

6. A computer readable memory for causing a computer, having a file containing a plurality of records, to validate the plurality of records for transmission to a second computer comprising:

a computer readable storage medium;

an SBSA stored in said storage medium;

the storage medium so configured by said SBSA, causes the computer to examine each and determine whether each record is a valid record or an invalid record;

to place the valid records in a batch buffer and the invalid records in a failed buffer ;

to determine the number of records in the batch buffer and to transmit a BC to the second computer.

7. The SBSA of claim 6, wherein said SBSA directs said computer to determine X where X is the total count of records in the file, to determine Y, where Y is the total number of invalid records, and to determine Y/X, and where Y/X is less than or equal to Z, where Z is a predetermined number, then said SBSA directs said computer to send the BC; and where Y/X is greater than Z, where Z is a predetermined number, said SBSA directs said computer to display a report that an error threshold has been exceeded.

8. The BC of claim 6 wherein the count of records is equal to the total number of records in the file containing a plurality of records minus the number of invalid records.

9. A computer implemented process to accomplish pre-submission validation and batch submission of directory limits from a backup file comprising:

using a SBSA in the memory of a first computer, performing the following steps;

initializing X and Y;

retrieving a record;

setting X to X + 1;

responsive to determining that there is a validation error, setting Y = Y + 1 and storing the invalid record in a failed buffer ;

responsive to determining that there is no validation error; storing the record in a batch buffer ;

determining whether the last record has been retrieved;

responsive to a determination that the last record has been retrieved, determining whether Y is greater than 0;

responsive to a determination that Y is greater than 0, sending a BC.

using a RBSA in the memory of a second computer, performing the following steps:

receiving the BC;

retrieving a record;

determining whether the last record has been retrieved;

operating on the record and determining whether the operation failed; and

responsive to a determination that the operation failed, generating an error record.

10. The computer implemented process of claim 9 wherein using the RBSA in the memory of the second computer, performing the follow steps:

responsive to determining that the last record has been retrieved, determining whether there have been any failures; and

responsive to a determination that there have been failures, returning the error records.

11. The BC of claim 9 wherein the count of records is equal to the total number of records in the backup file minus the number of invalid records.

12. A method for reducing remote API network traffic and increasing API performance in a network having a first computer and a second computer comprising:;

validating records prior to submission in the first computer;

storing said records in a BC;

transmitting said BC to said second computer;

receiving said BC in said second computer; and

operating on said records in said second computer.

13. The validating records prior to submission of claim 12 further comprising the steps of: initializing X and Y;

retrieving a record;

setting X to X + 1; and

responsive to determining that there is a validation error, setting Y = Y + 1.

14. The storing step of claim 12 further comprising the steps of:

storing an invalid record in a failed buffer and storing a valid record in a batch buffer; and

calculating a count of records equal to the count of total records read in the validating records prior to submission step minus the number of invalid records.

15. The sending step of claim 12 further comprising the steps of:

responsive to a determination that the last record has been retrieved, determining whether Y is greater than 0;

responsive to a determination that Y is greater than 0, transmitting the BC.

16. The operating step of claim 12 further comprising the steps of:

operating on the record and determining whether the operation failed; and

responsive to a determination that the operation failed, generating an error record.